

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060721\
 Data File : VY005007.D
 Acq On : 07 Jun 2021 20:48
 Operator : SY/MD
 Sample : M2626-04
 Misc : 6.69G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 08 02:11:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

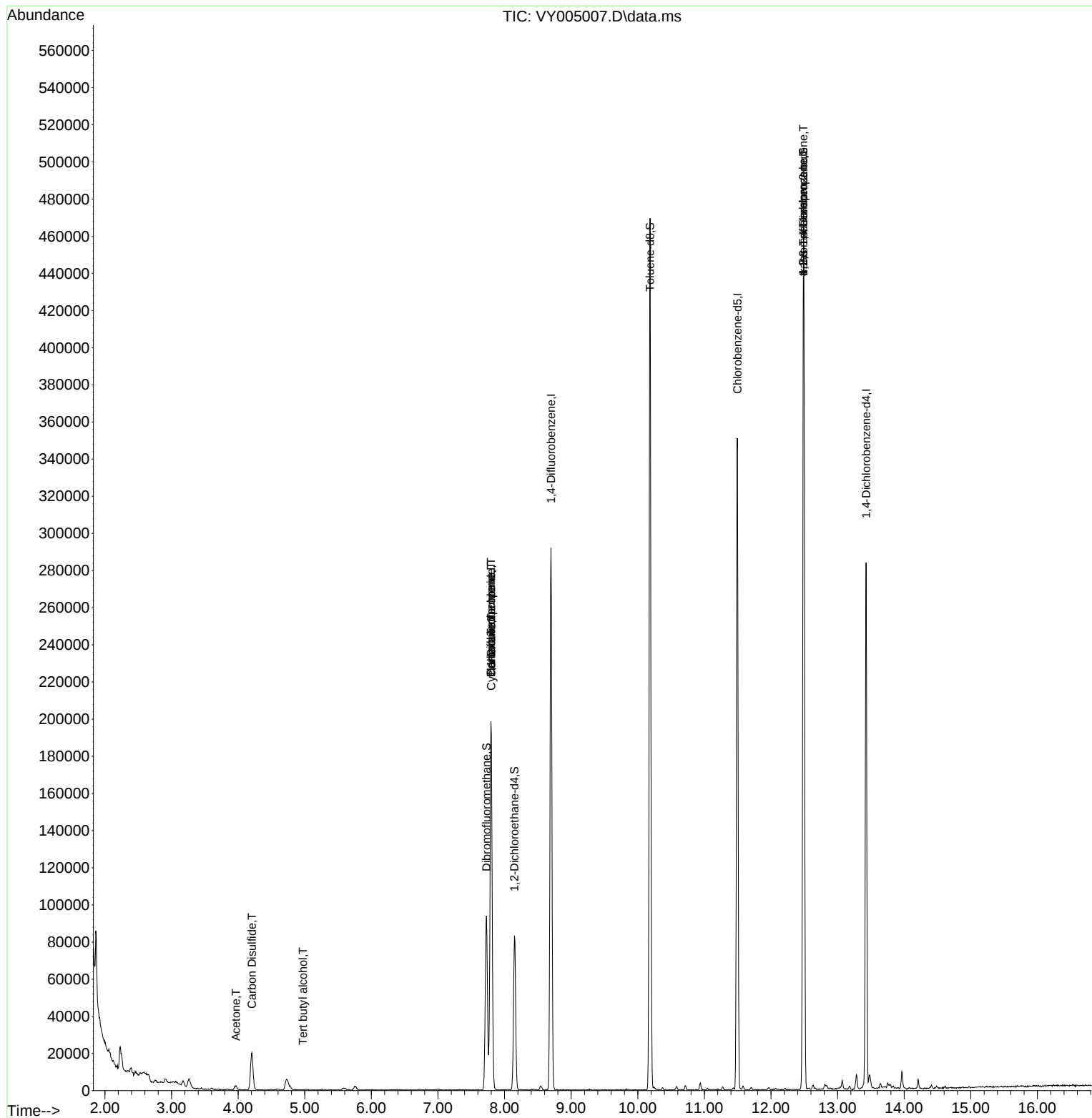
Internal Standards						
1) Pentafluorobenzene	7.795	168	150119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	243862	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	191415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	63372	39.931	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.860%
35) Dibromofluoromethane	7.728	113	66353	50.574	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.140%
50) Toluene-d8	10.185	98	295353	54.204	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.400%
62) 4-Bromofluorobenzene	12.483	95	72946	38.926	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.860%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	193	1.057	ug/l #	74
16) Acetone	3.967	43	4082	10.685	ug/l	91
17) Carbon Disulfide	4.204	76	40462	8.529	ug/l	97
20) Methylene Chloride	4.735	84	4059	Below Cal		98
31) Cyclohexane	7.801	56	3551	1.271	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	12216	5.119	ug/l #	49
38) Carbon Tetrachloride	7.795	117	15011	7.227	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	40662	52.479	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	40662	96.445	ug/l #	16

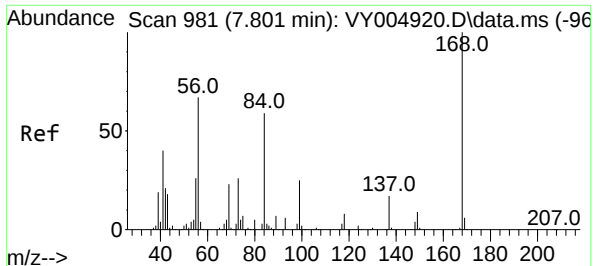
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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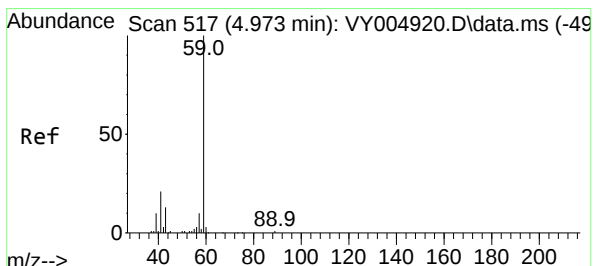
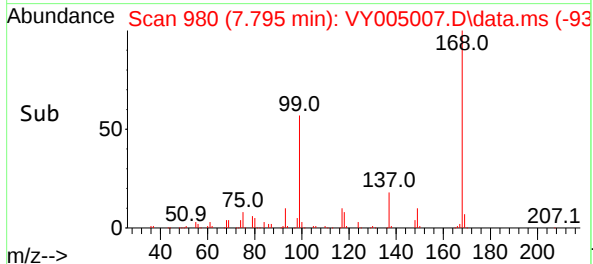
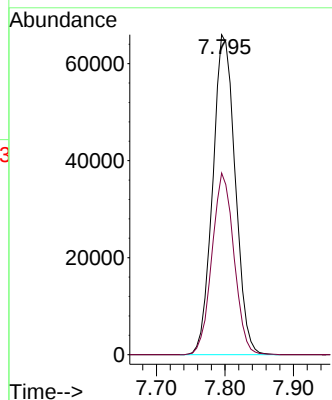
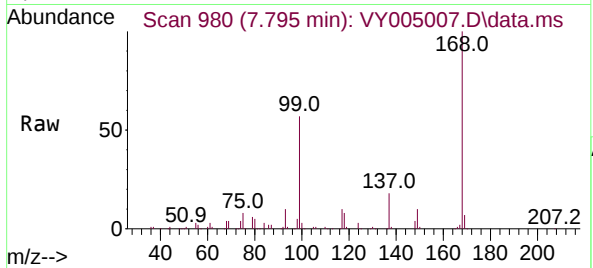




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005007.D
Acq: 07 Jun 2021 20:48

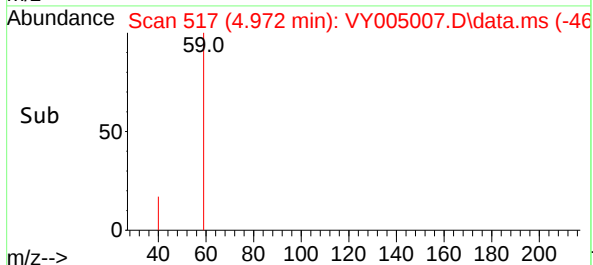
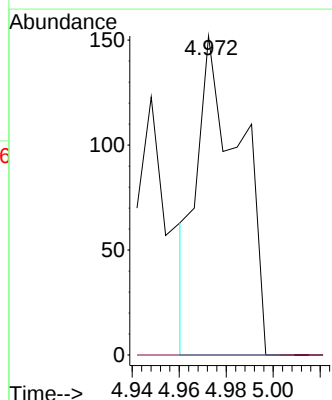
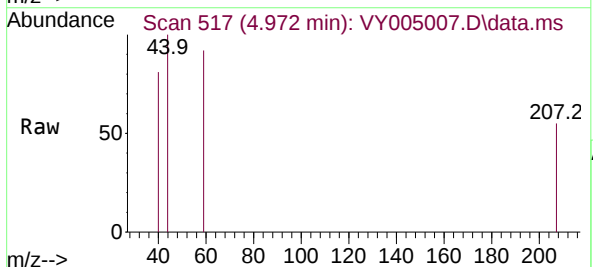
Instrument :
MSVOA_Y
ClientSampleId :

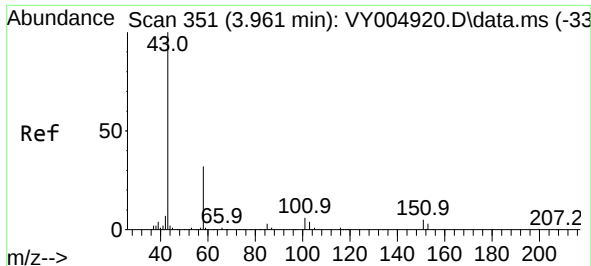
Tgt Ion:168 Resp: 150119
Ion Ratio Lower Upper
168 100
99 56.8 43.9 65.9



#11
Tert butyl alcohol
Concen: 1.057 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.001 min
Lab File: VY005007.D
Acq: 07 Jun 2021 20:48

Tgt Ion: 59 Resp: 193
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

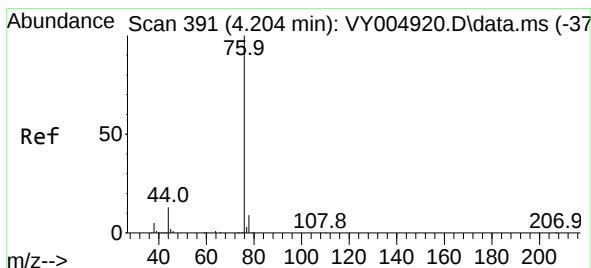
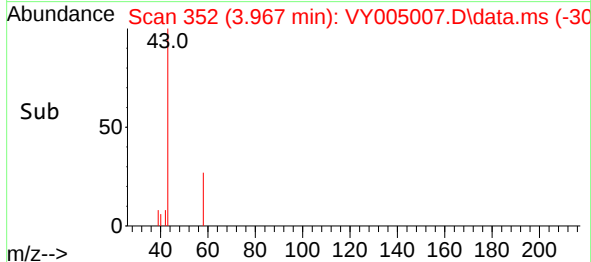
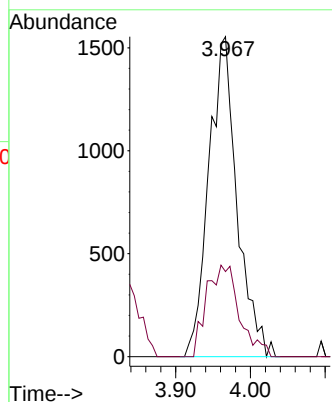
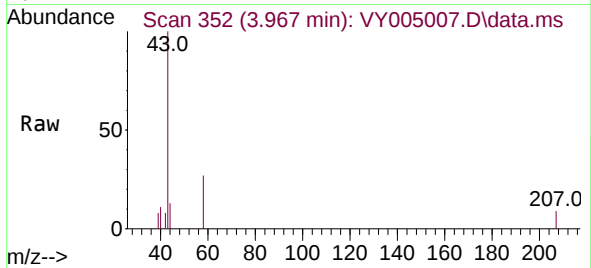




#16
Acetone
Concen: 10.685 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005007.D
Acq: 07 Jun 2021 20:48

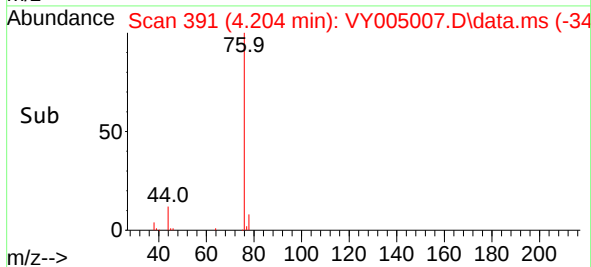
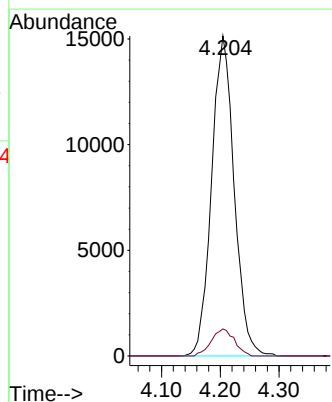
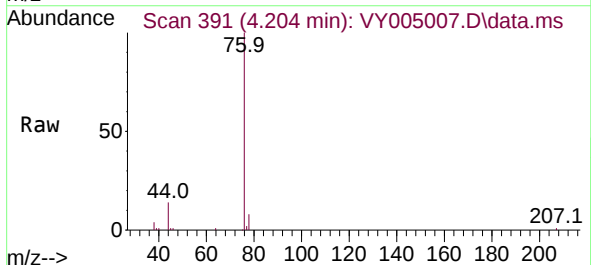
Instrument :
MSVOA_Y
ClientSampled :

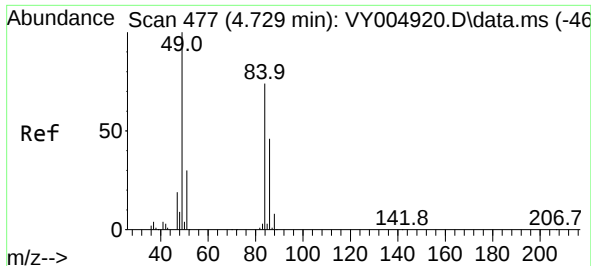
Tgt Ion: 43 Resp: 4082
Ion Ratio Lower Upper
43 100
58 26.6 25.3 37.9



#17
Carbon Disulfide
Concen: 8.529 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY005007.D
Acq: 07 Jun 2021 20:48

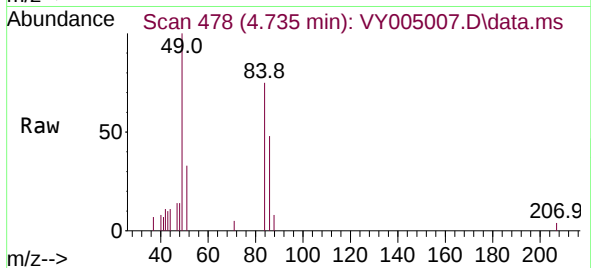
Tgt Ion: 76 Resp: 40462
Ion Ratio Lower Upper
76 100
78 8.4 7.6 11.4



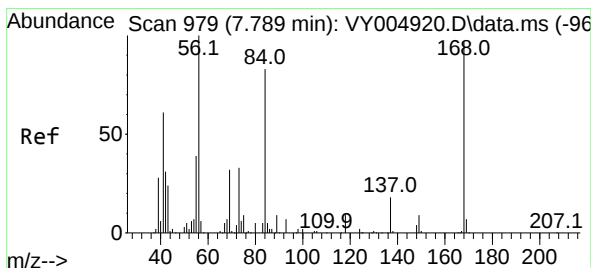
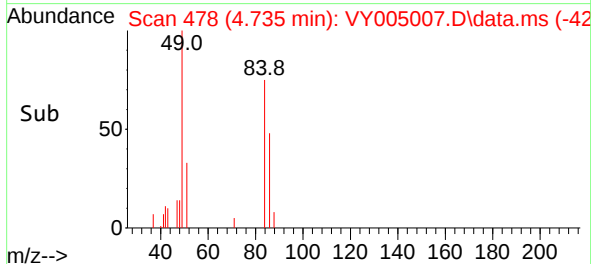
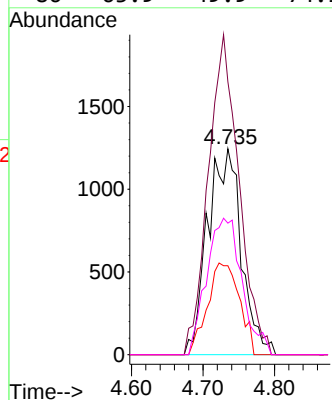


#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY005007.D
Acq: 07 Jun 2021 20:48

Instrument :
MSVOA_Y
ClientSampled :

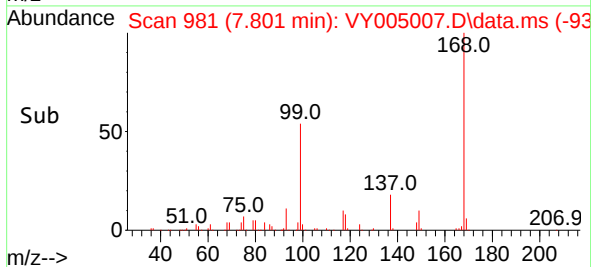
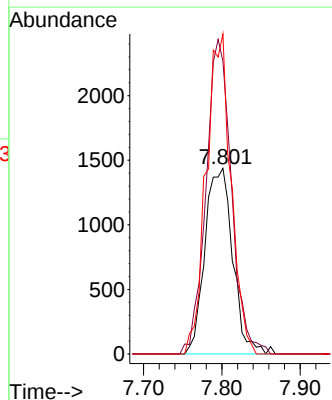
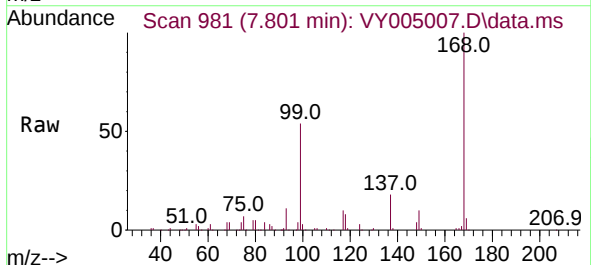


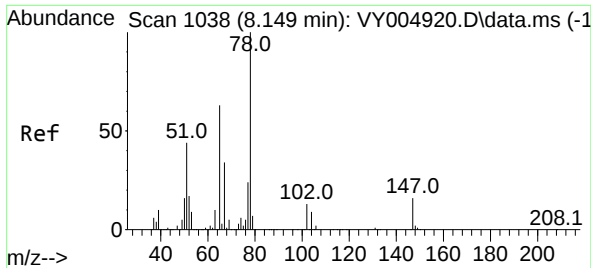
Tgt Ion: 84 Resp: 4059
Ion Ratio Lower Upper
84 100
49 132.5 108.0 162.0
51 43.2 32.6 48.8
86 63.9 49.9 74.9



#31
Cyclohexane
Concen: 1.271 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY005007.D
Acq: 07 Jun 2021 20:48

Tgt Ion: 56 Resp: 3551
Ion Ratio Lower Upper
56 100
69 157.8 25.3 37.9#
84 172.4 66.2 99.4#

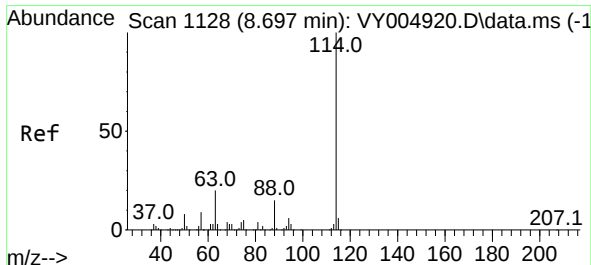
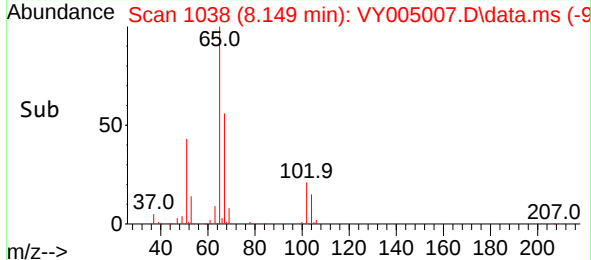
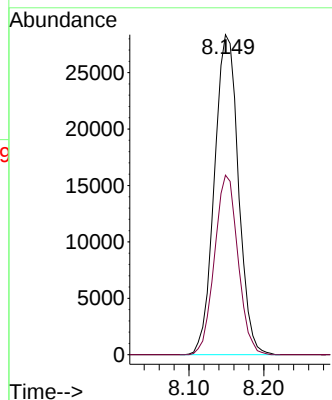
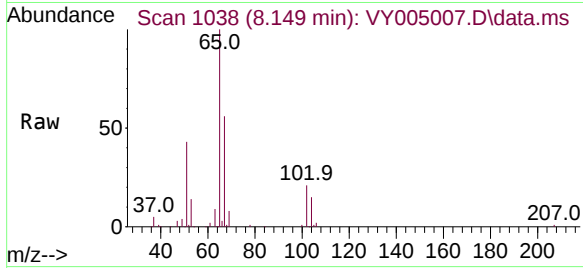




#33
 1,2-Dichloroethane-d4
 Concen: 39.931 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005007.D
 Acq: 07 Jun 2021 20:48

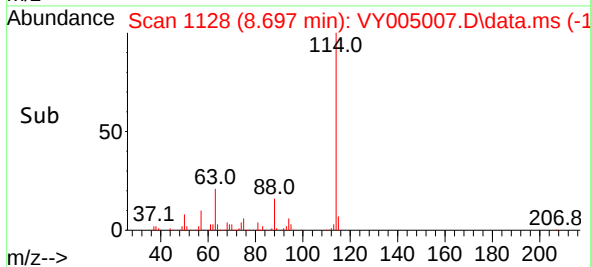
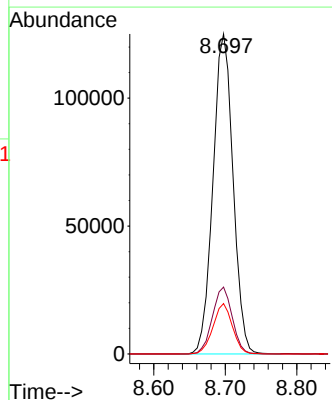
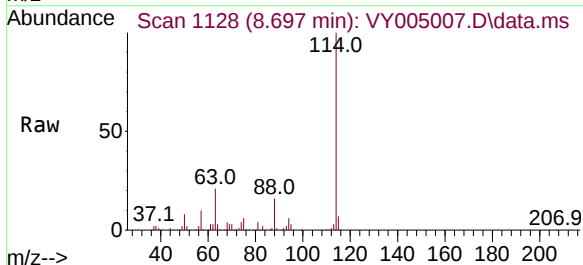
Instrument :
 MSVOA_Y
 ClientSampled :

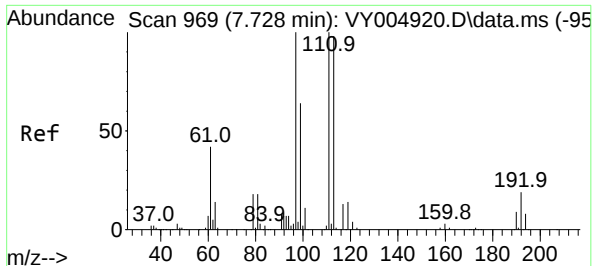
Tgt Ion: 65 Resp: 63372
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005007.D
 Acq: 07 Jun 2021 20:48

Tgt Ion: 114 Resp: 243862
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 41.0
 88 15.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.574 ug/l

RT: 7.728 min Scan# 969

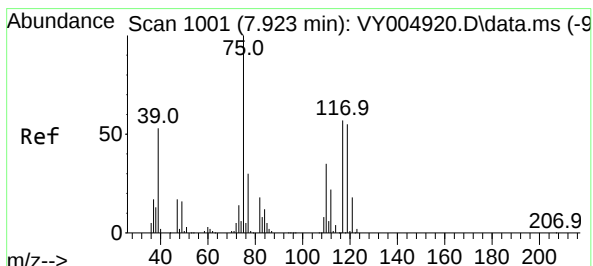
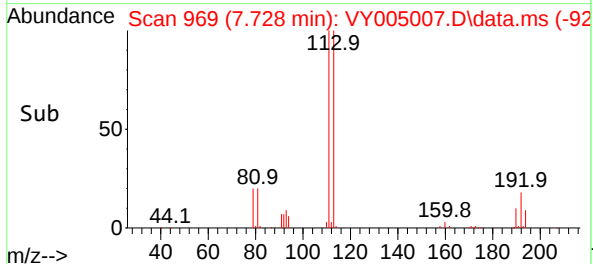
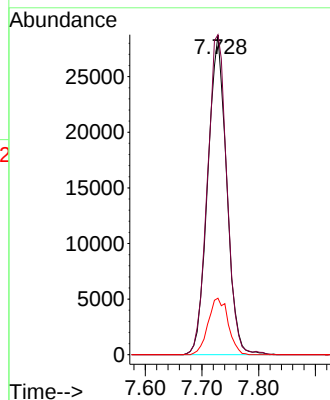
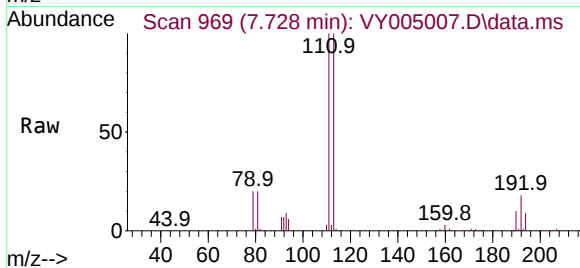
Delta R.T. -0.000 min

Lab File: VY005007.D

Acq: 07 Jun 2021 20:48

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:	113	Resp:	66353
Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.8	122.8
192	18.8	15.3	22.9



#36

1,1-Dichloropropene

Concen: 5.119 ug/l

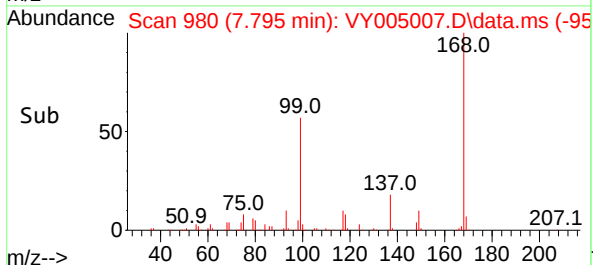
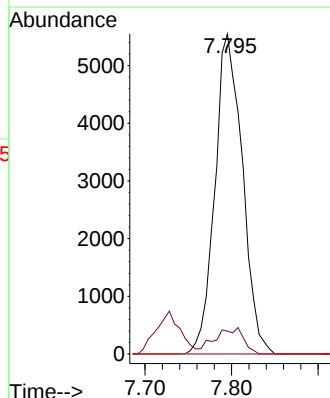
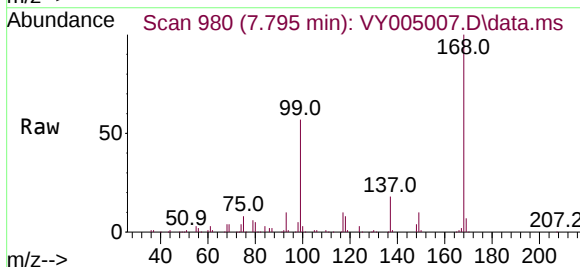
RT: 7.795 min Scan# 980

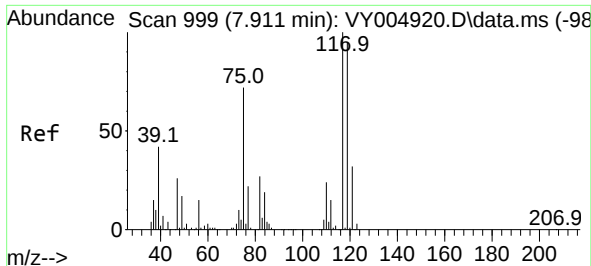
Delta R.T. -0.128 min

Lab File: VY005007.D

Acq: 07 Jun 2021 20:48

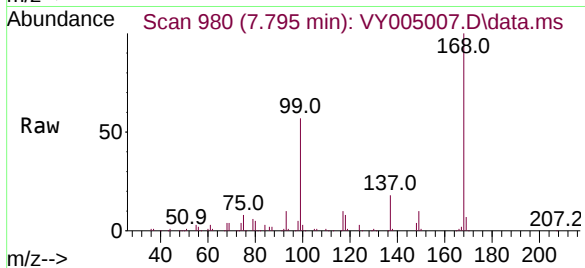
Tgt Ion:	75	Resp:	12216
Ion	Ratio	Lower	Upper
75	100		
110	8.6	17.5	52.5#
77	0.0	25.1	37.7#



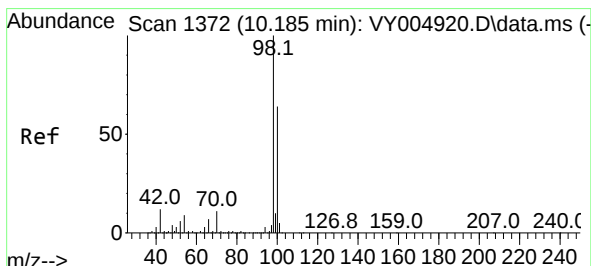
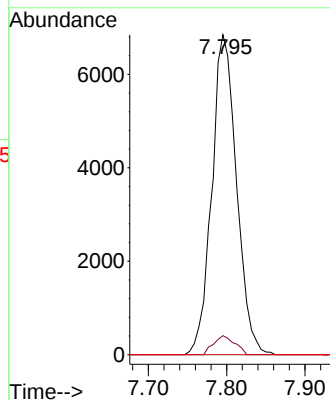
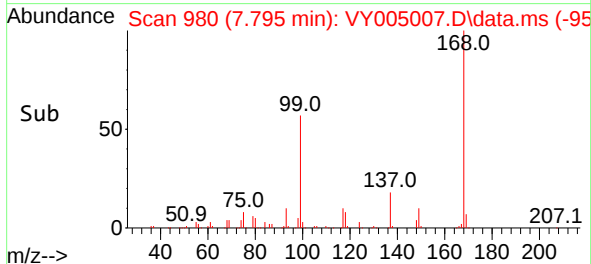


#38
Carbon Tetrachloride
Concen: 7.227 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005007.D
Acq: 07 Jun 2021 20:48

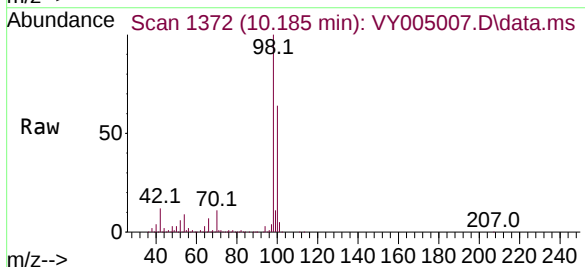
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MSVOA_Y
ClientSampleId :



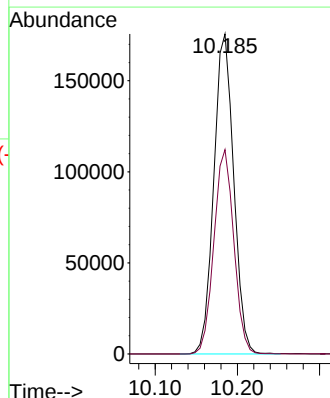
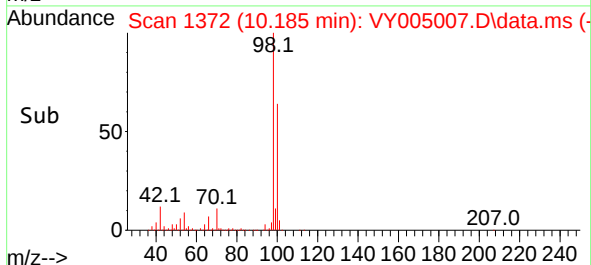
Tgt Ion:117 Resp: 15011
Ion Ratio Lower Upper
117 100
119 5.9 76.1 114.1#
121 0.0 25.5 38.3#

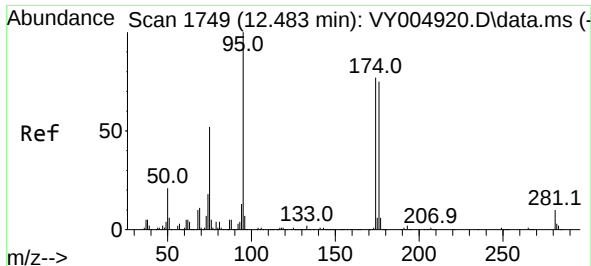


#50
Toluene-d8
Concen: 54.204 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005007.D
Acq: 07 Jun 2021 20:48



Tgt Ion: 98 Resp: 295353
Ion Ratio Lower Upper
98 100
100 63.8 51.8 77.6

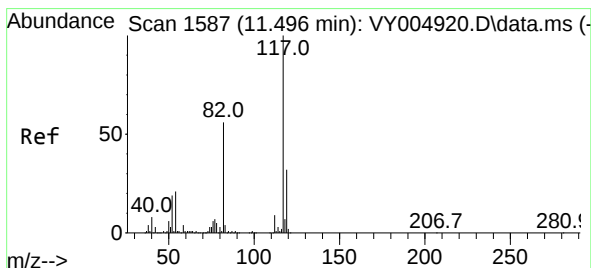
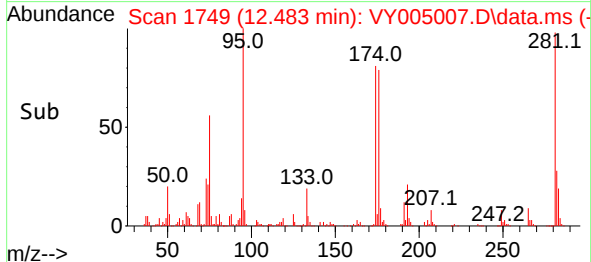
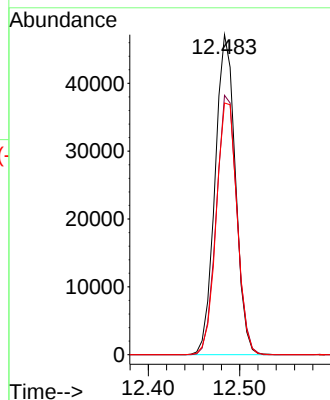
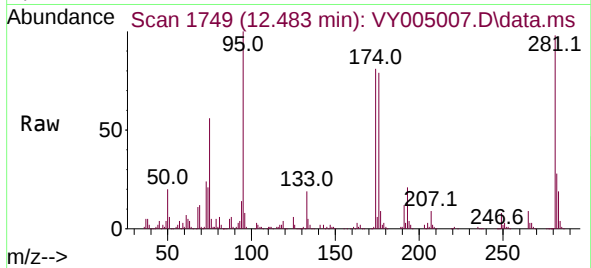




#62
4-Bromofluorobenzene
Concen: 38.926 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005007.D
Acq: 07 Jun 2021 20:48

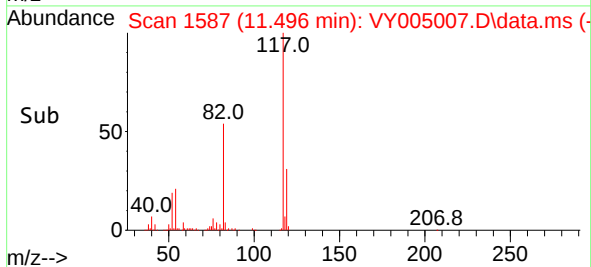
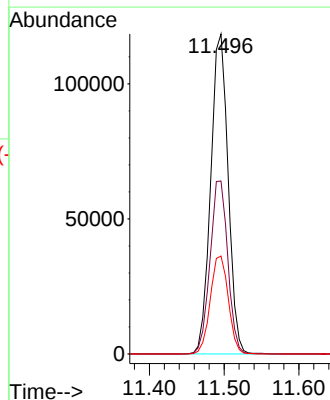
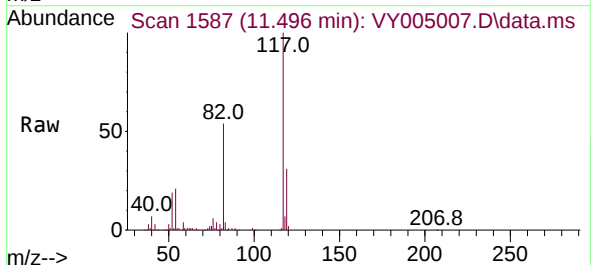
Instrument :
MSVOA_Y
ClientSampleId :

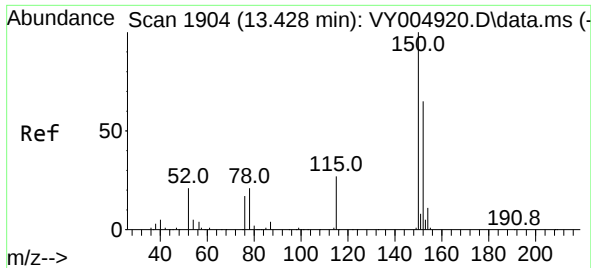
Tgt Ion:	95	Resp:	72946
Ion Ratio	Lower	Upper	
95	100		
174	81.8	0.0	160.8
176	80.7	0.0	155.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005007.D
Acq: 07 Jun 2021 20:48

Tgt Ion:	117	Resp:	191415
Ion Ratio	Lower	Upper	
117	100		
82	54.0	44.8	67.2
119	30.6	25.2	37.8

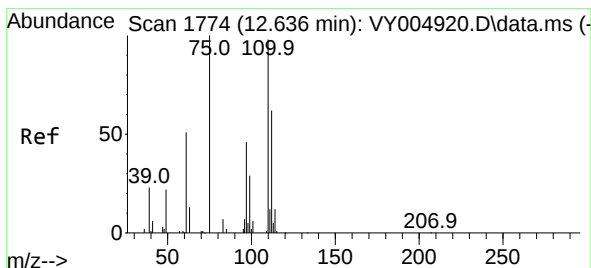
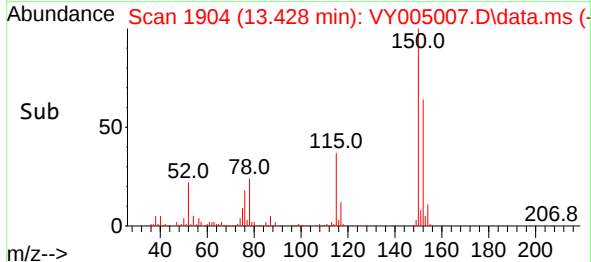
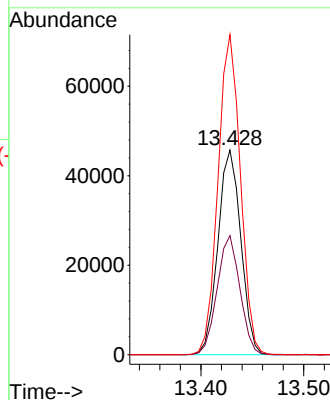
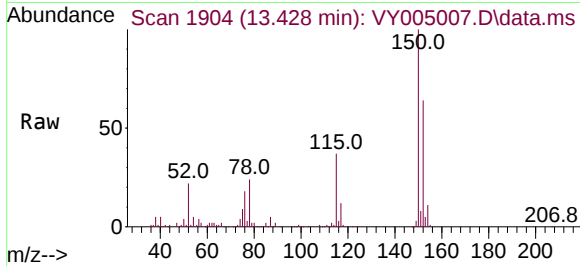




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005007.D
 Acq: 07 Jun 2021 20:48

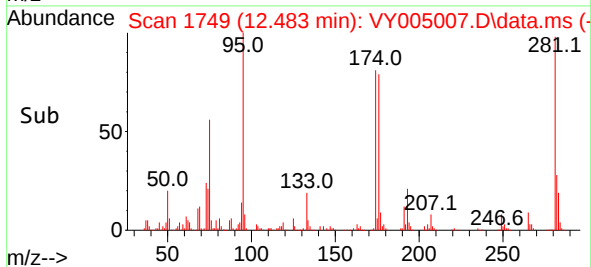
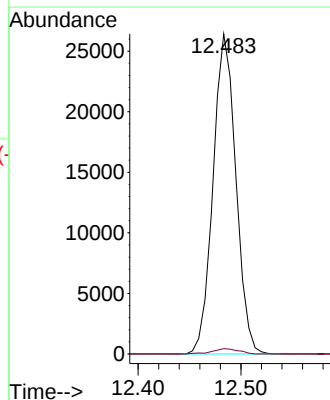
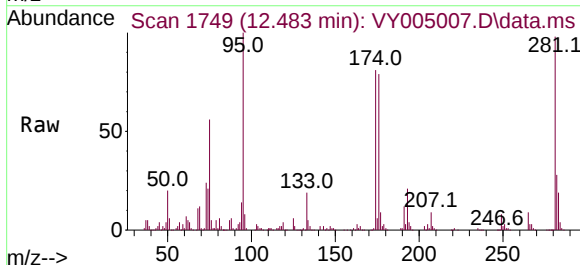
Instrument :
 MSVOA_Y
 ClientSampled :

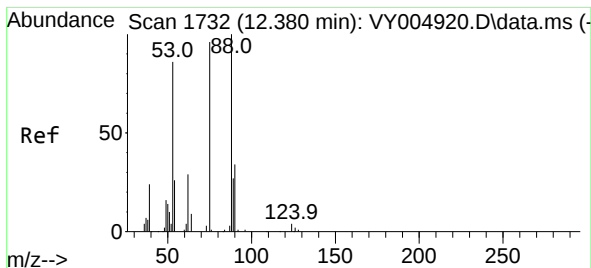
Tgt Ion:152 Resp: 70683
 Ion Ratio Lower Upper
 152 100
 115 57.9 29.9 89.7
 150 153.0 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 52.479 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005007.D
 Acq: 07 Jun 2021 20:48

Tgt Ion: 75 Resp: 40662
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 96.445 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY005007.D

Acq: 07 Jun 2021 20:48

Tgt Ion: 75 Resp: 40662

Ion Ratio Lower Upper

75 100

53 0.1 69.3 103.9#

89 2.9 35.0 52.6#

